

To: Way, Steven[way.steven@epa.gov]
From: Matt Francis
Sent: Fri 11/28/2014 9:58:43 PM
Subject: Fwd: Gold King 2015
Gold King Mine.docx

Take a look and provide comments.
Thanks

Sent via the Samsung Galaxy Note® 3, an AT&T 4G LTE smartphone

----- Original message -----

From: Chris Hassel
Date: 11/28/2014 10:21 AM (GMT-07:00)
To: Matt Francis
Cc: Marilyn Smith, Bob Heeter
Subject: RE: Gold King 2015

Matt,

Please find attached our interpretation of the scope of work moving forward with Gold King. Bob Heeter has assembled this summary. If you are in agreement we can run this scope through an estimate process to provide you with a cost and schedule.

Feel free to make any edits on the provided scope and we will take the next step.

Thanks.

Chris

From: Matt Francis [mailto:m.francis@erllc.com]
Sent: Monday, November 24, 2014 8:41 AM
To: Bob Heeter; Chris Hassel
Cc: Marilyn Smith
Subject: Gold King 2015

I'm working with EPA to get us all funding to finish what we started at Gold King and need a couple of things from HW.

1) Basic approach to accomplishing the goal of opening up the portal and rehabilitating the mine 70-100' inby. I remember it was discussed that the arch sets originally specified were not the most appropriate option based on what we found. I believe we discussed using a culvert pipe. A brief discussion of those type items and what you expect for the underground support type(s) should be sufficient. Obviously, we don't know for sure what the underground conditions will be, but EPA needs something as an planned approach for the fund request.

2) Schedule/cost estimate including crew size and equipment needs. Assume June/July start date. Also, since I will be constructing the new ponds and water handling system prior to your start, you can assume I will provide the excavator & loader for the outside earthwork. Probably most efficient if I proved the equipment operator as well since I have to have someone there anyway. This item needs to be as realistic as possible. It's a lot less painful for EPA to secure funding up front than it is to go back and ask for more once we start.

Let me know any questions you have. Thanks and happy holidays.

Matt

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